INTERNATIONAL SEARCH REPORT

IB2004/052067

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G06F17/60

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7 G06F G05B H04N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT					
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.			
X	EP 0 444 629 A (HITACHI LTD) 4 September 1991 (1991-09-04) abstract figure 7 column 7, line 54 - column 8, line 13 column 15, lines 30-45 claim 20	1-17			
X	EP 0 878 964 A (GEN INSTRUMENT CORP) 18 November 1998 (1998-11-18) abstract page 6, lines 25-40	1–17			

Further documents are listed in the continuation of box C.	Patent family members are listed in annex.	
Special categories of cited documents: A' document defining the general state of the art which is not considered to be of particular relevance E' earlier document but published on or after the international filing date L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) O' document referring to an oral disclosure, use, exhibition or other means P' document published prior to the international filing date but later than the priority date claimed	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family	
Date of the actual completion of the international search	Date of mailing of the international search report	
14 January 2005	03/02/2005	
Name and mailing address of the ISA	Authorized officer	
European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Gabriel, C	

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IB2004/052067

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Category °	ation) DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	
X	US 6 006 151 A (GRAF FRIEDRICH) 21 December 1999 (1999-12-21) abstract figures 1,6a-6c column 4, lines 7-20,45-65 column 5, lines 4-30 column 6, line 32	1,2,12, 13	
, ·	EP 0 803 705 A (AISIN AW CO) 29 October 1997 (1997-10-29) abstract figure 8 column 11, lines 7-12	1-17	
		,	
	·		

INTERNATIONAL SEARCH REPORT

IB2004/052067

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 0444629 A	04-09-1991	JP 2612358 B2 JP 3248672 A DE 69128842 D1 DE 69128842 T2 EP 0444629 A2 US 5177625 A	21-05-1997 06-11-1991 12-03-1998 20-05-1998 04-09-1991 05-01-1993
EP 0878964 A	18-11-1998	BR 9806532 A CA 2236249 A1 EP 0878964 A1	18-09-2001 15-11-1998 18-11-1998
US 6006151 A	21-12-1999	WO 9725555 A1 DE 59605832 D1 EP 0873482 A1 JP 11504696 T JP 3466201 B2	17-07-1997 05-10-2000 28-10-1998 27-04-1999 10-11-2003
EP 0803705 A	29-10-1997	JP 3580457 B2 JP 9287968 A JP 3580458 B2 JP 9287969 A JP 3596704 B2 JP 9287970 A DE 69633851 D1 EP 0803705 A2 KR 267540 B1 US 6098015 A	20-10-2004 04-11-1997 20-10-2004 04-11-1997 02-12-2004 04-11-1997 23-12-2004 29-10-1997 16-10-2000 01-08-2000